

CLAIMS

1. ~~A method of downloading data to a receiver/decoder, comprising the steps, at the receiver/decoder, of:~~

receiving a bitstream including the data;

downloading a loader for loading the data from the bitstream into the receiver/decoder; and

downloading said data from the bitstream using said downloaded data loader.

2. A method according to Claim 1, wherein the downloaded data loader is deleted from the receiver/decoder after the data has been downloaded from the bitstream.

3. A method according to Claim 1, wherein the downloaded data loader is subsequently stored in non-volatile memory of the receiver/decoder.

4. A method according to Claim 3, wherein the non-volatile memory is a Flash memory volume of the receiver/decoder.

~~5. A method according to any preceding claim, wherein the downloading of the data is performed by the downloaded data loader.~~

6. ~~A method according to any preceding claim, wherein a portion only of data stored in the receiver/decoder is replaced by a corresponding portion of data downloaded by the downloaded data loader.~~

7 A method according to any preceding claim, wherein the bitstream includes at least one data loader, said method further comprising the steps, at a transmitting system, of:

for the or each data loader, dividing the data loader into a plurality of modules;

for the or each data loader, dividing the data into a respective plurality of

modules, each plurality of data modules being associated with a respective plurality of data loader modules.

8. A method according to Claim 7, further comprising the steps, at the transmitting system, of:

for the or each data loader, formatting each of the modules as a respective table, the tables having the same respective table identification ("TID") and respective different table identification extensions ("TID-extensions"); and

for the or each plurality of modules of data, formatting each of the modules of data as a respective table, the tables having the same respective TID as the tables of the data loader modules associated therewith and respective different TID-extensions.

Sub B ~~9. A method according to Claim 8, comprising, in said downloading steps, of downloading module tables having the same TID.~~

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10. A method according to Claim 9, wherein said tables have respective different TID-extensions other than a predetermined TID-extension; and further comprising the step, at the transmitting system, of generating a respective directory table for the or each plurality of modules having the same TID, the or each directory table having said predetermined TID-extension and that TID, the directory table containing for each of the modules a name of that module and the respective TID-extension.

11. A method according to Claim 10, further comprising the steps, at the receiver/decoder, of:

25 downloading one of the tables having the predetermined TID-extension so as to download a directory table;

determining from the content of the directory table the TID-extensions of the module tables having the same TID as the directory table; and

in said downloading steps, downloading the module tables having the same TID as that of the downloaded directory table and TID-extensions determined from the downloaded directory table.

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determining whether the data version identification of the received data is more

17. ~~A method according to any preceding claim, wherein at least part of the~~
downloaded data loader is in the form of code which is specific to the hardware of the
~~receiver/decoder.~~

A 19. ~~A method according to Claim 18, wherein at least part of the second data loader is in the form of code which is specific to the hardware of the receiver/decoder.~~

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30 22. A receiver/decoder according to Claim 20, further comprising a non-volatile memory for storing the downloaded data loader after the data has been downloaded from the bitstream.

~~24. A receiver/decoder according to any of Claims 20 to 23, wherein the downloaded data loader is adapted to perform the downloading of data from the bitstream.~~

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29. A receiver/decoder according to Claim 27 or 28, wherein said downloading
means is arranged to determine whether a directory version identification of a currently
transmitted directory table is more recent than the directory version identification of a
previously downloaded directory table having the same TID as the currently transmitted

30. ~~A receiver/decoder according to any of Claims 20 to 29, wherein the data loader is in the form of code which is specific to the hardware of the receiver/decoder.~~

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S.B.A.

33. A transmission system according to Claim 32, further comprising:
means for formatting each of the modules of the or each loader as a respective
table, the tables of the or each loader having the same respective table identification
20 (“TID”) and respective different table identification extensions (“TID-extensions”); and
means for formatting each of the modules of the data associated with the or each
loader as a respective table, the tables of the modules of data having the same respective
TID as the tables of the loader modules associated therewith and respective different
TID-extensions.

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